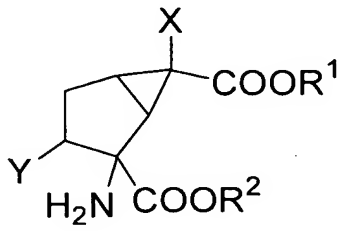
CLAIMS

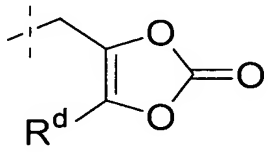
1. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof, represented by formula [I]



[I]

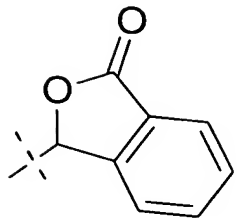
[wherein,

R^1 and R^2 are identical or different, and each represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group, a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group), a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



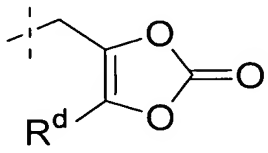
[i]

(wherein R^d is the same as described above) or a group represented by formula [ii]; or,



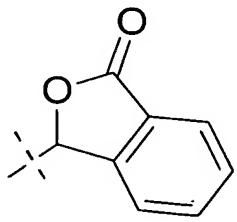
[ii]

in the case where either R^1 or R^2 represents a hydrogen atom, the other represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group, a C_{1-10}alkyl group substituted by a group represented by formula-C(O)NR^aR^b (wherein R^a and R^b are the same as described above), a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z, R^c and R^d are the same as described above), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii];

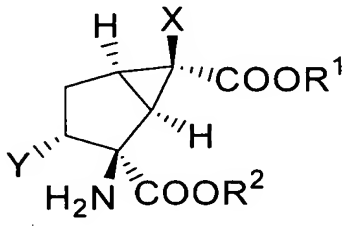


[ii]

X represents a hydrogen atom or a fluorine atom; and

Y represents $-OCHR^3R^4$, $-SR^3$, $-S(O)_nR^5$, $-SCHR^3R^4$, $-S(O)_nCHR^3R^4$, $-NHCHR^3R^4$, $-N(CHR^3R^4)(CHR^{3'}R^{4'})$, $-NHCOR^3$ or $-OCOR^5$ (wherein R^3, $R^{3'}$, R^4 and $R^{4'}$ are identical or different, and each represents a hydrogen atom, a C_{1-10}alkyl group, a C_{1-10}alkenyl group, a phenyl group, a naphthyl group, a naphthyl group substituted by one to seven halogen atoms, a heteroaromatic group or a phenyl group substituted by one to five substituents selected from a group consisting of a halogen atom, a phenyl group, a C_{1-10}alkyl group, a C_{1-10}alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and a phenoxy group; R^5 represents a C_{1-10}alkyl group, a C_{1-10}alkenyl group, a phenyl group, a naphthyl group, a naphthyl group substituted by one to seven halogen atoms, a heteroaromatic group or a phenyl group substituted by one to five substituents selected from a group consisting of a halogen atom, a phenyl group, a C_{1-10}alkyl group, a C_{1-10}alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and a phenoxy group; and n represents integer 1 or 2)]

2. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof, represented by formula [II]

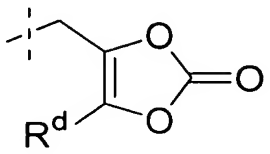


[II]

[wherein,

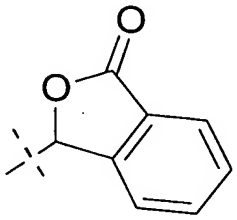
R^1 and R^2 are identical or different, and each represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group, a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group), a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group, and R^d represents a

C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



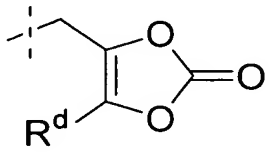
[i]

(wherein R^d is the same as described above) or a group represented by formula [ii]; or,



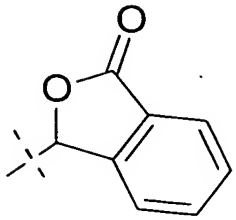
[ii]

in the case where either R^1 or R^2 represents a hydrogen atom, the other represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group, a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are the same as described above), a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z, R^c and R^d are the same as described above), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii];



[ii]

X represents a hydrogen atom or a fluorine atom; and
Y represents $-OCHR^3R^4$, $-SR^3$, $-S(O)_nR^5$, $-SCHR^3R^4$, $-S(O)_nCHR^3R^4$, $-NHCHR^3R^4$, $-N(CHR^3R^4)(CHR^{3'}R^{4'})$, $-NHCOR^3$ or $-OCOR^5$ (wherein R^3, $R^{3'}$, R^4 and $R^{4'}$ are identical or different, and each represents a hydrogen atom, a C_{1-10}alkyl group, a C_{1-10}alkenyl group, a phenyl group, a naphthyl group, a naphthyl group substituted by one to seven halogen atoms, a heteroaromatic group or a phenyl group substituted by one to five substituents selected from a group consisting of a halogen atom, a phenyl group, a C_{1-10}alkyl group, a C_{1-10}alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and a phenoxy group; R^5 represents a C_{1-10}alkyl group, a C_{1-10}alkenyl group, a phenyl group, a naphthyl group, a naphthyl group substitute by one to seven halogen atoms, a heteroaromatic group or a phenyl group substituted by one to five substituents selected from a group consisting of a halogen atom, a phenyl group, a C_{1-10}alkyl group, a C_{1-10}alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and a phenoxy group; and n represents integer 1 or 2)]

3. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II],
R^1 and R^2 are identical or different, and each represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two phenyl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group or a C_{1-10}alkoxycarbonylC_{1-10}alkyl group; or,
in the case where either R^1 or R^2 represents a hydrogen atom, the other represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group

substituted by one or two phenyl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group or a C_{1-10}alkoxycarbonylC_{1-10}alkyl group.

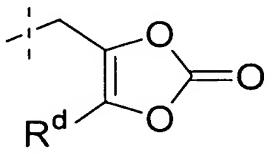
4. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II],

R^1 and R^2 are identical or different, and each represents a C_{1-10}alkyl group, a C_{2-6}alkenyl group, a C_{2-6}alkynyl group, a C_{1-6}alkyl group substituted by one or two phenyl groups, a hydroxyC_{2-6}alkyl group, a halogenoC_{1-6}alkyl group, an azidoC_{1-6}alkyl group, an aminoC_{2-6}alkyl group, a C_{1-6}alkoxyC_{1-6}alkyl group or a C_{1-6}alkoxycarbonylC_{1-6}alkyl group; or,

in the case where either R^1 or R^2 represents a hydrogen atom, the other represents a C_{1-6}alkyl group, a C_{2-6}alkenyl group, a C_{2-6}alkynyl group, a C_{1-6}alkyl group substituted by one or two phenyl groups, a hydroxyC_{2-6}alkyl group, a halogenoC_{1-6}alkyl group, an azidoC_{1-6}alkyl group, an aminoC_{2-6}alkyl group, a C_{1-6}alkoxyC_{1-6}alkyl group or a C_{1-6}alkoxycarbonylC_{1-6}alkyl group

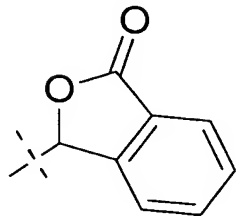
5. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II],

R^1 and R^2 are identical or different, and each represents a farnesyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a 4-morpholinylC_{1-10}alkyl group, a C_{1-10}alkyl group substituted by a group represented by formula-C(O)NR^aR^b (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group), a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



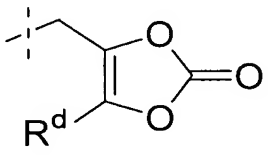
[i]

(wherein R^d is the same as described above) or a group represented by formula [ii]; or,



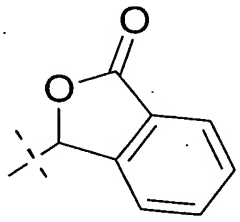
[ii]

in the case where either R^1 or R^2 represents a hydrogen atom, the other represents a farnesyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a 4-morpholinylC_{1-10}alkyl group, a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are the same as described above), a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z, R^c and R^d are the same as described above), a group represented by formula [i]



[i]

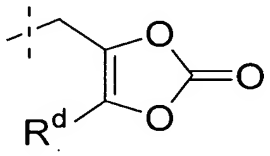
(wherein R^d is the same as described above) or a group represented by formula [ii].



[ii]

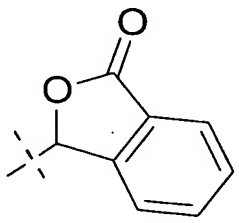
6. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II],

R^1 and R^2 are identical or different, and each represents a farnesyl group, a C_{1-6}alkyl group substituted by one or two aryl groups, a C_{1-6}alkoxycarbonylC_{1-6}alkyl group, a 4-morpholinylC_{1-6}alkyl group, a C_{1-6}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-6}alkyl group), a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-6}alkyl group, a C_{2-6}alkenyl group or an aryl group; and R^d represents a C_{1-6}alkyl group, a C_{2-6}alkenyl group or an aryl group), a group represented by formula [i]



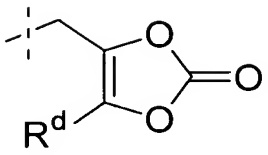
[i]

(wherein R^d is the same as described above) or a group represented by formula [ii]; or,



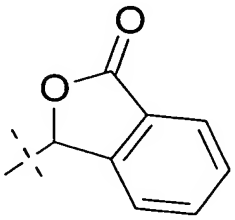
[ii]

in the case where either R^1 or R^2 represents a hydrogen atom, the other represents a farnesyl group, a C_{1-6}alkyl group substituted by one or two aryl groups, a C_{1-6}alkoxycarbonylC_{1-6}alkyl group, a 4-morpholinylC_{1-6}alkyl group, a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are the same as described above), a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z,R^c and R^d are the same as described above), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].



[ii]

7. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom.

8. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; and X represents a fluorine atom.

9. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], wherein R^2 represents a hydrogen atom; and X represents a hydrogen atom.

10. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; and Y represents $-OCHR^3R^4$ (wherein R^3 and R^4 are the same as described above).

11. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; and Y represents $-SCHR^3R^4$ (wherein R^3 and R^4 are the same as described above).

12. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; and Y represents $-SR^3$ (wherein R^3 is the same as described above).

13. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; and Y represents $-S(O)_nCHR^3R^4$ (wherein R^3, R^4 and n are the same as described above).

14. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; and Y represents $-NHCHR^3R^4$ (wherein R^3 and R^4 are the same as described above).

15. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; and Y represents $-N(CHR^3R^4)(CHR^{3'}R^{4'})$ (wherein R^3, $R^{3'}$, R^4 and $R^{4'}$ are the same as described above).

16. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], represents a hydrogen atom; X represents a hydrogen atom; and Y represents $-OCHR^3R^4$ (wherein R^3 and R^4 are the same as described above).

17. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], represents a hydrogen atom; X represents a hydrogen atom;

and Y represents -$SCHR^3R^4$ (wherein R^3 and R^4 are the same as described above).

18. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], represents a hydrogen atom; X represents a hydrogen atom; and Y represents -SR^3 (wherein R^3 is the same as described above).

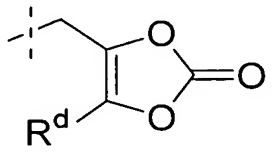
19. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; and Y represents -$S(O)_nCHR^3R^4$ (wherein R^3, R^4 and n are the same as described above).

20. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], wherein R^2 represents a hydrogen atom; X represents a hydrogen atom; and Y represents -$NHCHR^3R^4$ (wherein R^3 and R^4 are the same as described above).

21. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; and Y represents -$N(CHR^3R^4)(CHR^{3'}R^{4'})$ (wherein R^3, $R^{3'}$, R^4 and $R^{4'}$ are the same as described above).

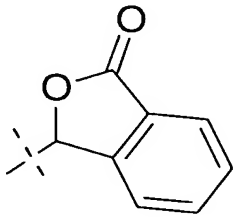
22. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents -$OCHR^3R^4$ (wherein R^3 and R^4 are the same as described above); and R^1 represents a $C_{1\text{-}10}$alkyl group, a $C_{2\text{-}10}$alkenyl group, a $C_{2\text{-}10}$alkynyl group, a $C_{1\text{-}10}$alkyl group substituted by one or two aryl groups, a hydroxy$C_{2\text{-}10}$alkyl group, a halogeno$C_{1\text{-}10}$alkyl group, an azido$C_{1\text{-}10}$alkyl group, an amino$C_{2\text{-}10}$alkyl group, a $C_{1\text{-}10}$alkoxy$C_{1\text{-}10}$alkyl group, a $C_{1\text{-}10}$alkoxycarbonyl$C_{1\text{-}10}$alkyl group, a farnesyl group, a 4-morpholinyl$C_{1\text{-}10}$alkyl group or a $C_{1\text{-}10}$alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a $C_{1\text{-}10}$alkyl group).

23. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents $-OCHR^3R^4$ (wherein R^3 and R^4 are the same as described above); and R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].



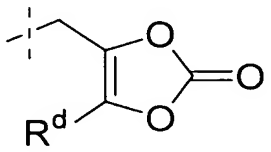
[ii]

24. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents $-SCHR^3R^4$ (wherein $R^3$and $R^4$are the same as described above); and

R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a

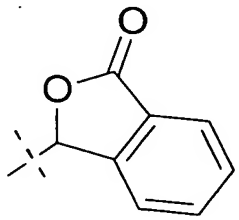
4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-C(O)NR^aR^b (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

25. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents -$SCHR^3R^4$ (wherein R^3 and R^4 are the same as described above); and R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii]

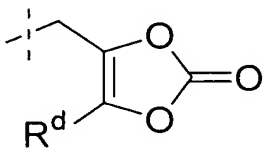


[ii]

26. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents-SR^3 (wherein R^3 is the same as described above); and
R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl

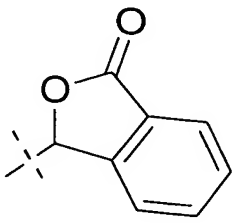
group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

27 A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents $-SR^3$ (wherein R^3 is the same as described above); and
R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii]



[ii]

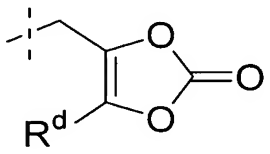
28. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2,

wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents $-S(O)_nCHR^3R^4$ (wherein R^3, R^4 and n are the same as described above); and

R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

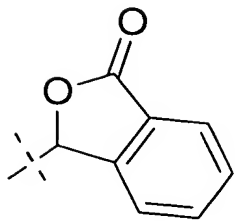
29. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents $-S(O)_nCHR^3R^4$ (wherein R^3,R^4 and n are the same as described above); and

R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].



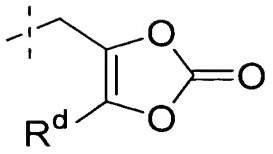
[ii]

30. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents -NHCHR^{3}R^4 (wherein R^3 and R^4 are the same as described above); and

R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-C(O)NR^{a}R^b (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

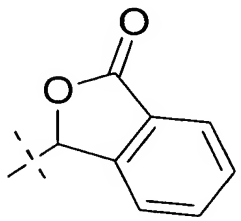
31. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents -NHCHR^{3}R^4 (wherein R^3 and R^4 are the same as described above); and

R^1 represents a group represented by formula-CHR^{c}OC(O)ZR^d (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].



[ii]

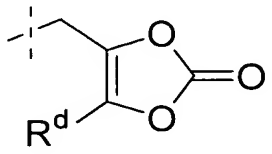
32. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents $-N(CHR^3R^4)(CHR^{3'}R^{4'})$ (wherein R^3, $R^{3'}$, R^4 and $R^{4'}$ are the same as described above); and

R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

33. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents $-N(CHR^3R^4)(CHR^{3'}R^{4'})$ (wherein R^3, $R^{3'}$, R^4 and $R^{4'}$ are the same as described above); and

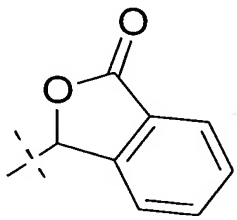
R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an

oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].

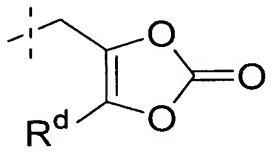


[ii]

34. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents-$OCHR^3R^4$ (wherein R^3 and R^4 are the same as described above); and R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

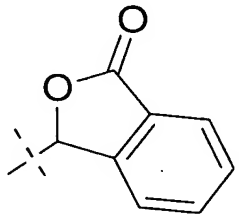
35. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2,

wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents-$OCHR^3R^4$ (wherein R^3 and R^4 are the same as described above); and R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

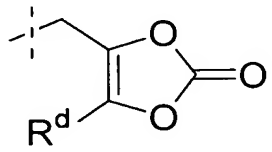
(wherein R^d is the same as described above) or a group represented by formula [ii].



[ii]

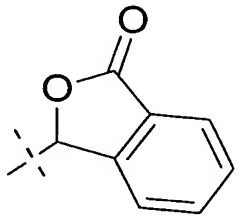
36. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents -$SCHR^3R^4$ (wherein R^3 and R^4 are the same as described above); and R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group or a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group, a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

37. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents $-SCHR^3R^4$ (wherein R^3 and R^4 are the same as described above); and R^1 represents a group represented by formula $-CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond, R^c represents a hydrogen atom, C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].

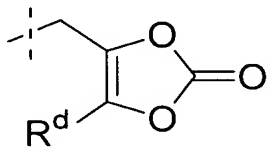


[ii]

38. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents $-SR^3$ (wherein R^3 is the same as described above); and
R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a

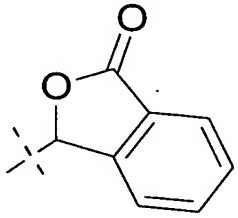
4-morpholinylC_{1-10}alkyl group, or a C_{1-10}alkyl group substituted by a group represented by formula-C(O)NR^aR^b (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

39. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents-SR^3 (wherein R^3 is the same as described above); and
R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].



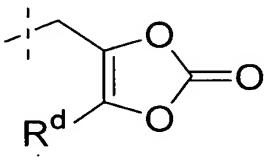
[ii]

40. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents -$S(O)_nCHR^3R^4$ (wherein R^3, R^4 and n are the same as described above); and

R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

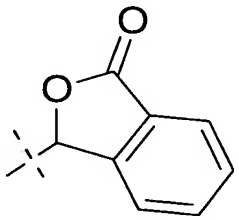
41. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents $-S(O)_nCHR^3R^4$ (wherein R^3, R^4 and n are the same as described above); and

R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom,C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].



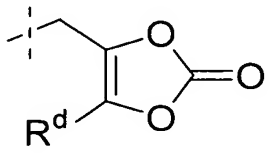
[ii]

42. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents -$NHCHR^3R^4$ (wherein R^3 and R^4 are the same as described above); and

R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

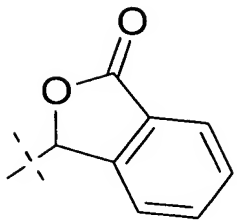
43. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents -$NHCHR^3R^4$ (wherein R^3 and R^4 are the same as described above); and

R^1 represents a group represented by formula-$CHR^cOC(O)XR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].



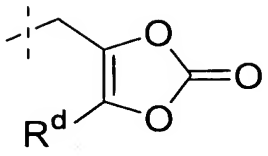
[ii]

44. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents -N(CHR^3R^4)($CHR^{3'}R^{4'}$) (wherein R^3, $R^{3'}$, R^4 and $R^{4'}$ are the same as described above); and

R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-C(O)NR^aR^b (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

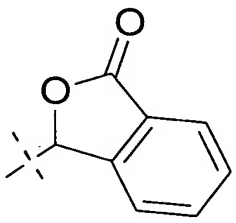
45. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents -N(CHR^3R^4)($CHR^{3'}R^{4'}$) (wherein R^3, $R^{3'}$, R^4 and $R^{4'}$ are the same as described above); and

R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom,C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].



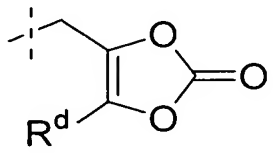
[ii]

46. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivativea pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents $-OCHR^3R^4$ (wherein R^3 represents a hydrogen atom; R^4 represents a phenyl group or a phenyl group substituted by one to five substituents selected from a group coonsisting of a halogen atom, a phenyl group, a $C_{1\text{-}10}$alkyl group, a $C_{1\text{-}10}$alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and a phenoxy group); and
R^1 represents a $C_{1\text{-}10}$alkyl group, a $C_{2\text{-}10}$alkenyl group, a $C_{2\text{-}10}$alkynyl group, a $C_{1\text{-}10}$alkyl group substituted by one or two aryl groups, a hydroxy$C_{2\text{-}10}$alkyl group, a halogeno$C_{1\text{-}10}$alkyl group, an azido$C_{1\text{-}10}$alkyl group, an amino$C_{2\text{-}10}$alkyl group, a $C_{1\text{-}10}$alkoxy$C_{1\text{-}10}$alkyl group, a $C_{1\text{-}10}$alkoxycarbonyl$C_{1\text{-}10}$alkyl group, a farnesyl group, a 4-morpholinyl$C_{1\text{-}10}$alkyl group or a $C_{1\text{-}10}$alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a $C_{1\text{-}10}$alkyl group).

47. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], represents a hydrogen atom; X represents a fluorine atom; Y

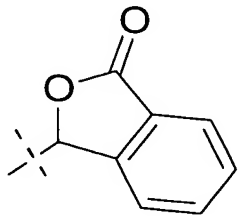
represents -$OCHR^3R^4$ (wherein R^3 represents a hydrogen atom; R^4 represents a phenyl group or a phenyl group substituted by one to five substutuents selected from a group containing a halogen atom, a phenyl group, a C_{1-10}alkyl group, a C_{1-10}alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and a phenoxy group); and

R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].



[ii]

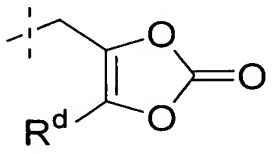
48. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents -$OCHR^3R^4$ (wherein R^3 represents a hydrogen atom; R^4 represents a naphthyl group, a heteroaromatic group or a naphtyl group substituted by one to seven halogen atoms); and

R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a

halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

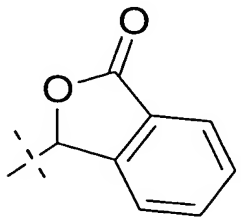
49. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents $-OCHR^3R^4$ (wherein R^3 represents a hydrogen atom, R^4 represents a naphthyl group, a heteroaromatic group or a naphtyl group substituted by one to seven halogen atoms); and

R^1 represents a group represented by formula-$CHR^cOC(O)XR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].

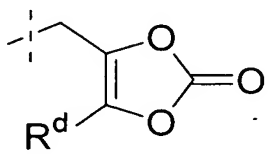


[ii]

50. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a

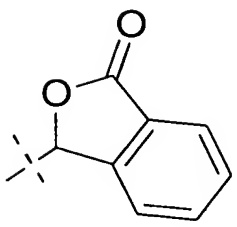
pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents $-OCHR^3R^4$ (wherein R^3 and R^4 are identical or different, and each represents a phenyl group or a phenyl group substituted by one to five substutuents selected from a group containing a halogen atom, a phenyl group, a C_{1-10}alkyl group, a C_{1-10}alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and a phenoxy group); and
R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

51. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a fluorine atom; Y represents $-OCHR^3R^4$ (wherein R^3 and R^4 are identical or different, and each represents a phenyl group or a phenyl group substituted by one to five substutuents selected from a group containing a halogen atom, a phenyl group, a C_{1-10}alkyl group, a C_{1-10}alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and a phenoxy group); and
R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].

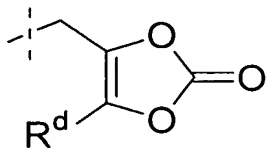


[ii]

52. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents -$OCHR^3R^4$ (wherein R^3 represents a hydrogen atom; R^4 represents a phenyl group or a phenyl group substituted by one to five substutuents selected from a group containing a halogen atom, a phenyl group, a $C_{1\text{-}10}$alkyl group, a $C_{1\text{-}10}$alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and a phenoxy group); and
R^1 represents a $C_{1\text{-}10}$alkyl group, a $C_{2\text{-}10}$alkenyl group, a $C_{2\text{-}10}$alkynyl group, a $C_{1\text{-}10}$alkyl group substituted by one or two aryl groups, a hydroxy$C_{2\text{-}10}$alkyl group, a halogeno$C_{1\text{-}10}$alkyl group, an azido$C_{1\text{-}10}$alkyl group, an amino$C_{2\text{-}10}$alkyl group, a $C_{1\text{-}10}$alkoxy$C_{1\text{-}10}$alkyl group, a $C_{1\text{-}10}$alkoxycarbonyl$C_{1\text{-}10}$alkyl group, a farnesyl group, a 4-morpholinyl$C_{1\text{-}10}$alkyl group or a $C_{1\text{-}10}$alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a $C_{1\text{-}10}$alkyl group).

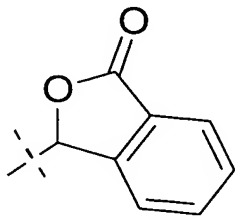
53. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents -$OCHR^3R^4$ (wherein R^3 represents a hydrogen atom; R^4 represents a phenyl group or a phenyl group substituted by one to five substutuents selected from a group containing a halogen atom, a phenyl group, a $C_{1\text{-}10}$alkyl group, a $C_{1\text{-}10}$alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and phenoxy group); and
R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen

atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii]



[ii]

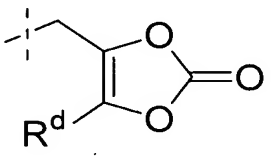
54. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents $-OCHR^3R^4$ (wherein R^3 represents a hydrogen atom; R^4 represents a naphthyl group, a heteroaromatic group or a naphtyl group substituted by one to seven halogen atoms); and

R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

55. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a

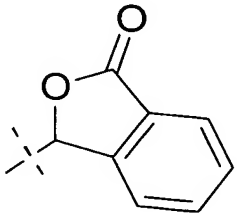
pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents $-OCHR^3R^4$ (wherein R^3 represents a C_{1-10}alkyl group; and R^4 represents a naphthyl group); and

R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].



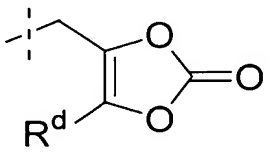
[ii]

56. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents $-OCHR^3R^4$ (wherein R^3 and R^4 are identical or different, and each represents a phenyl group or a phenyl group substituted by one to five substutuents selected from a group containing a halogen atom, a phenyl group, a C_{1-10}alkyl group, a C_{1-10}alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and a phenoxy group); and

R^1 represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group, a C_{2-10}alkynyl group, a C_{1-10}alkyl

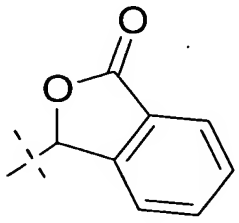
group substituted by one or two aryl groups, a hydroxyC_{2-10}alkyl group, a halogenoC_{1-10}alkyl group, an azidoC_{1-10}alkyl group, an aminoC_{2-10}alkyl group, a C_{1-10}alkoxyC_{1-10}alkyl group, a C_{1-10}alkoxycarbonylC_{1-10}alkyl group, a farnesyl group, a 4-morpholinylC_{1-10}alkyl group or a C_{1-10}alkyl group substituted by a group represented by formula-$C(O)NR^aR^b$ (wherein R^a and R^b are identical or different, and each represents a hydrogen atom or a C_{1-10}alkyl group).

57. A 2-amino-bicyclo[3.1.0]hexane-2,6-dicarboxylic ester derivative, a pharmaceutically acceptable salt thereof or a hydrate thereof according to claim 2, wherein in the formula [II], R^2 represents a hydrogen atom; X represents a hydrogen atom; Y represents $-OCHR^3R^4$ (wherein R^3 and R^4 are identical or different, and each represents a phenyl group or a phenyl group substituted by one to five substutuents selected from a group containing a halogen atom, a phenyl group, a C_{1-10}alkyl group, a C_{1-10}alkoxy group, a trifluoromethyl group, a phenyl group, a hydroxycarbonyl group, an amino group, a nitro group, a cyano group and a phenoxy group); and
R^1 represents a group represented by formula-$CHR^cOC(O)ZR^d$ (wherein Z represents an oxygen atom, a nitrogen atom, a sulfur atom or a single bond; R^c represents a hydrogen atom, a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group; and R^d represents a C_{1-10}alkyl group, a C_{2-10}alkenyl group or an aryl group), a group represented by formula [i]



[i]

(wherein R^d is the same as described above) or a group represented by formula [ii].



[ii]

58. A drug comprising the 2-amino-bicyclo [3.1.0] hexane -2,6-dicarboxylic ester derivative, the pharmaceutically acceptable salt thereof or the hydrate thereof according to any one of claim 1 to 57 as an active ingredient.

59. A drug according to claim 58, wherein the drag is a group II metabotropic glutamate receptor antagonist.